

Attachment 4



John Lovenburg
Vice President
Environmental

BNSF Railway Company
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John.Lovenburg@BNSF.com

June 24, 2021

Matt Miyasato, PhD
Chief Technologist & Deputy Executive Officer
South Coast A.Q.M.D, Science and Technology Advancement
21865 Copley Dr
Diamond Bar CA 91765

Subject: **Letter of Commitment for BNSF Railway –
Zero-Emission Line-Haul Locomotive Repower with Supporting Charging Infrastructure**

Dear Dr. Miyasato:

BNSF Railway (BNSF) is pleased to partner with the South Coast Air Quality Management District (SCAQMD) in their application for funding under U.S. Environmental Protection Agency's 2021 Targeted Airshed Grant (TAG) Program. If awarded, this grant would fund a zero-emission line-haul locomotive repower and eliminate the emissions from a Tier 1+ line-haul locomotive operating between Los Angeles and Barstow. This project is an important step in the continued advancement of line-haul capable battery-electric locomotive technology and is an opportunity to continue to test this technology under real-world conditions.

The proposed project is expected to achieve annual emission reductions of 8.54 tons of NO_x, 0.32 tons of PM_{2.5}, and 0.60 tons of HC, 1,632 tons of CO, and 1,125 tons of CO₂, increasing public health benefits to residents in proximity of rail tracks and railyards. In addition, Progress Rail and BNSF are contributing up to \$2,200,000 of in-kind contributions to support the project.

This project aligns with SCAQMD's mission of using practical and innovative strategies to address air quality issues in the South Coast Air District, particularly in the disadvantaged communities within Los Angeles, Riverside, and San Bernardino counties that are recognized as some of the most polluted areas for ozone by the U.S. Environmental Protection Agency. BNSF is committed to providing \$1,000,000 in cash for this repower project, as this aligns with our goal of leveraging innovative technology to reduce emissions. Our combination of commitment, experience, and expertise makes BNSF the ideal partner for this type of project.

Eddie Phillips will be the main point of contact for this project. Should you have any questions or need more information, please do not hesitate to reach out at the contact information provided below.

Sincerely,

A handwritten signature in black ink that reads "John Lovenburg". The signature is written in a cursive, flowing style.

John Lovenburg
Vice President, Environmental
BNSF Railway

Eddie Phillips
Senior Manager, Air and Carbon Programs
Cell: 909-266-3518; Email: Edward.Phillips@BNSF.com